

Notice of Allowability	Application No.	Applicant(s)	
	09/986,815	WHITE, PETER DRUMMOND BOYS	
	Examiner	Art Unit	
	Robert Sellers	1712	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to the amendment filed October 30, 2003.
2. ☒ The allowed claim(s) is/are 21-33 and 35-37
3. ☐ The drawings filed on _____ are accepted by the Examiner.
4. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☒ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☒ Certified copies of the priority documents have been received in Application No. 09/077,049.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____.

5. ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application) since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.
 - (a) ☐ The translation of the foreign language provisional application has been received.
6. ☒ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121 since a specific reference was included in the first sentence of the specification or in an Application Data Sheet. 37 CFR 1.78.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements not d below. Failure to timely comply will result in ABANDONMENT of this application. **THIS THREE-MONTH PERIOD IS NOT EXTENDABLE**

7. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
8. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No. _____.
 - (b) ☐ including changes required by the proposed drawing correction filed _____, which has been approved by the Examiner.
 - (c) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No. _____.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the margin according to 37 CFR 1.121(d).

9. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

- | | |
|--|--|
| 1 <input type="checkbox"/> Notice of References Cited (PTO-892) | 5 <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 2 <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 6 <input checked="" type="checkbox"/> Interview Summary (PTO-413), Paper No. <u>1103</u> . |
| 3 <input checked="" type="checkbox"/> Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No. <u>9/30/03</u> | 7 <input checked="" type="checkbox"/> Examiner's Amendment/Comment |
| 4 <input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit
of Biological Material | 8 <input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance |
| | 9 <input type="checkbox"/> Other |

Robert Sellers
Primary Examiner
Art Unit: 1712

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Kristin Neuman on December 8, 2003.

Replace the abstract with the following new one presented on a separate page.

Specification, page 1, line 2, amend "thremosettable" to --thermosettable--; page 8, line 11, amend "stength" to --strength--; page 11, line 20, amend "lack" to --tack- -; page 14, line 7, amend "or" to --of--; and page 5, line 7, after "cycloaliphatic" insert --glycidyl--.

Claim 21, line 8 and claim 32, line 9, delete "substantially".

Claim 21, lines 10-11 and claim 32, lines 11-12, delete "that remains substantially unreacted under the conditions of reaction for (A) and (B)".

Claim 21, line 6 and claim 32, line 7, after "(B)" insert ", and which yields a product with a Kofler Heat Bank melting point of less than 55°C".

Claim 21, line 9 and claim 32, line 10, after "(B)" insert "such that the one component heat curable epoxy resin system has a tack life of at least 6 months at room temperature".

Claim 21, line 11 and claim 32, line 12, after "(B);" insert "in such a way that (A) and (B) react to completion at room temperature over a period of between 2 and 14 days; and".

The following is an examiner's statement of reasons for allowance:

The amendments to the claims resolve the 35 U.S.C. 112, first and second paragraphs, rejections. The terminal disclaimer filed September 30, 2003 overcomes the obviousness-type double patenting rejection over U.S. Patent No. 6,346,573. The claims are patentable over the closest prior art for the reasons of record set forth in the non-Final rejection mailed March 31, 2003 (page 7).

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

(571) 272-1093 (Fax no. (703) 872-9306)
Monday to Friday from 9:30 to 6:00 EST

A handwritten signature in black ink, appearing to read 'Robert Sellers', is positioned above the printed name.

Robert Sellers
Primary Examiner
Art Unit 1712

Art Unit: 1712

--Abstract

A method for making a one-component epoxy resin system comprises reacting (A) an epoxy resin and (B) an amine solidifying system present in insufficient quantities to cause gelation in the presence of a latent hardener (C) and an expanding agent (E), each of which remains unreacted under the reaction conditions for (A) and (B), to yield a product with a Kofler Heat Bank melting point of less than 55°C and a melting point stability of at least six months at normal workshop temperatures.--